

Advanced JavaScript Training

Enhance your existing skills or what you learnt on our beginners JavaScript course with our 2-day Advanced JavaScript training course.

At the end of the course you will be confident using the JavaScript language and will be familiar with jQuery and templating tools.

Objective

On completion of this Advanced JavaScript training course, you will:

- Be confident with the fundamentals of the language
- Understand objects, JSON, object literals and prototypal inheritance
- Be aware of scope problems, and how to manage them
- Understand the ideas behind JavaScript frameworks.
- Be familiar with jQuery, and templating tools.
- Know about tools for creating modular code, and testing.

Details

Duration: 1 Day

Who is this course for

If you already have a working knowledge of [HTML & CSS](#) and [JavaScript](#) and want to start using more advanced JavaScript and working with jQuery then this course is for you.

Course Content

Introduction

- Javascript review
- Variables, functions, objects, scope
- Working with the DOM
- AJAX

Understanding OBJECTS

- Object basics
- Object literals
- Prototypal inheritance & Object.create()
- JSON

Understanding SCOPE

- Managing globals
- Namespaces
- Closure
- Working with THIS and NEW

NODE

- Creating server-side code using Javascript

Development TOOLS

- Web modules using Require.JS
- Testing using Jasmine

Frameworks

- An overview of Javascript frameworks.
- Using Knockout and the MVVM pattern

Libraries & Templates

- jQuery : AJAX, events, animation, plug-ins.
- Templates : mustache